



# P3 SYSTEMS ENABLING TECHNOLOGY



Presented by **Paul Taylor**

# AGENDA

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INTRODUCTION



SERVICE OVERVIEW



MYPROJECTS



RECENT SUCCESS



CASE STUDY



Q & A



# WHO IS RPS

Leading global professional services firm.

1

## WHY we exist:

To provide surety in the delivery of our client's project investments.

2

## WHAT we do:

We help our clients plan and deliver their projects with confidence.

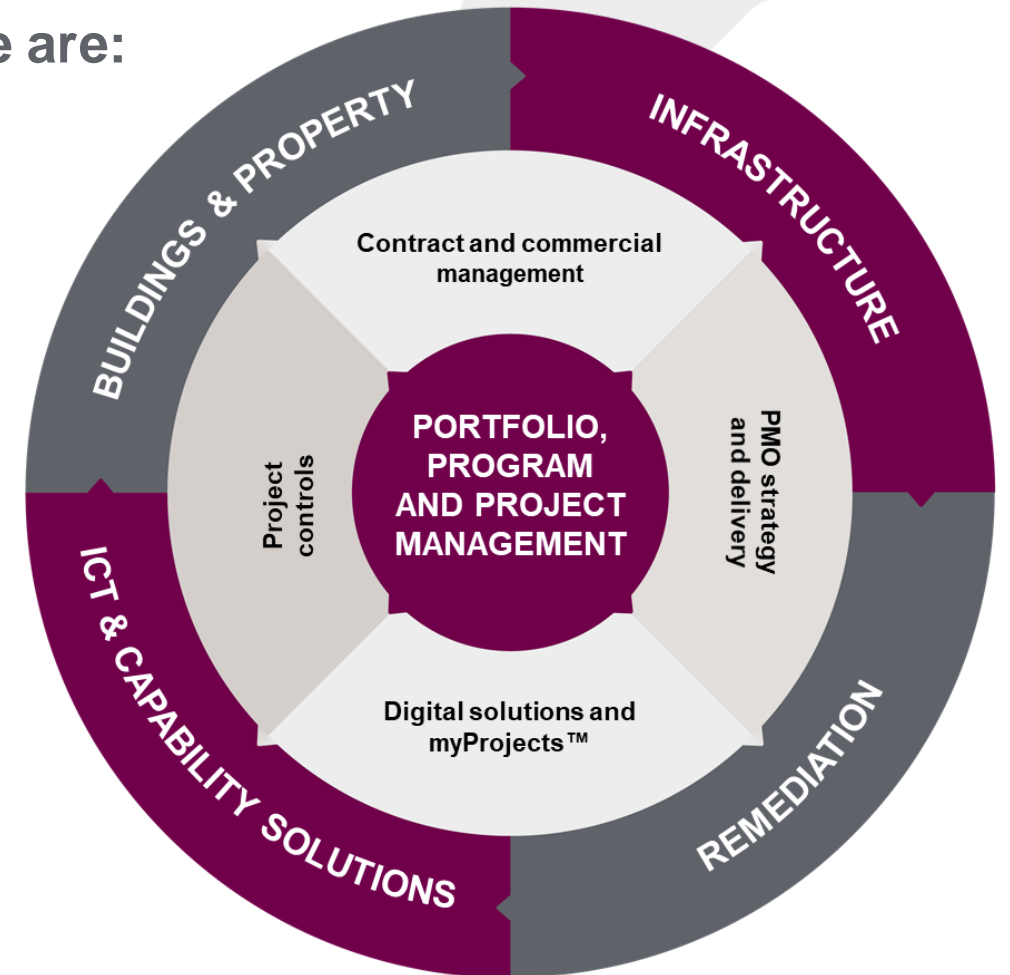
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## WHAT we aspire to:

To be program and project management leaders in the Australia Asia Pacific Region.

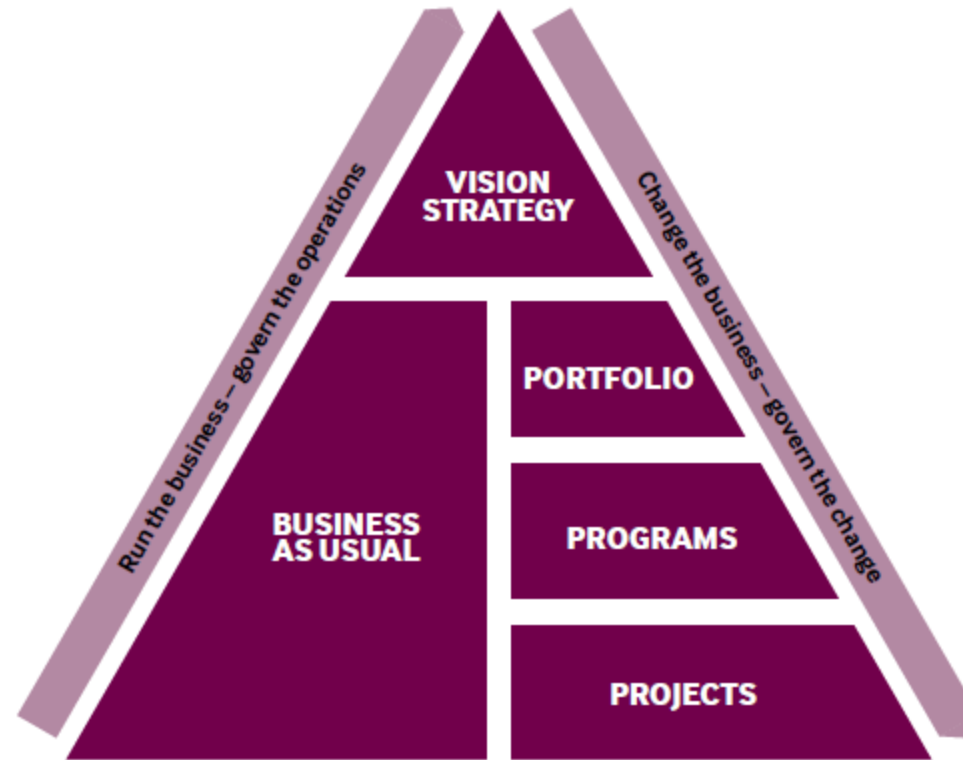
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## WHO we are:



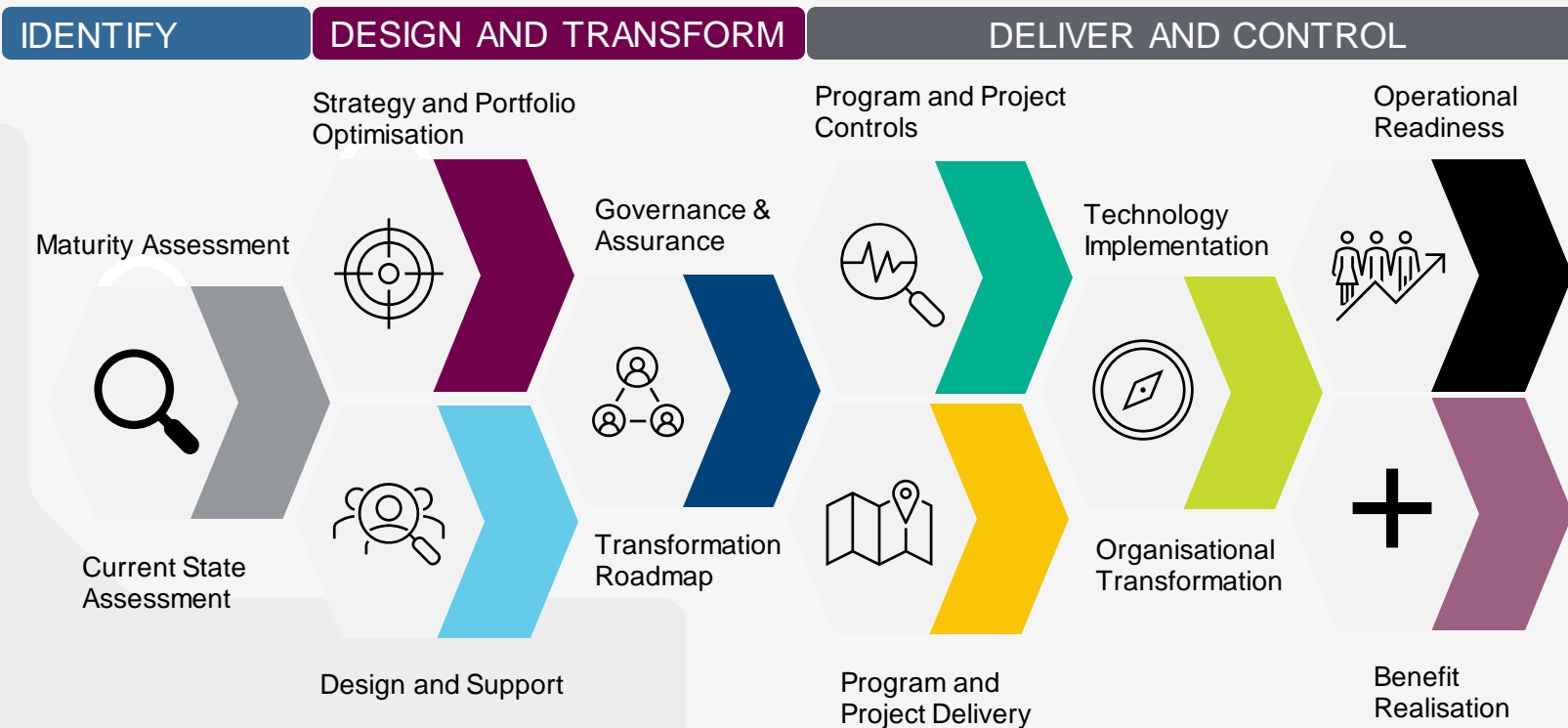
## PMO APPROACH

We help organisations bring their strategic vision to life at the portfolio, program and project level, while keeping business-as-usual operations running smoothly.



# PMO SERVICES AND APPROACH

OUR PROFESSIONAL TEAMS OFFER A UNIQUE END TO END P3M SERVICE OFFERING



# PROJECT CONTROLS, DELIVERY AND ASSURANCE

We have a dedicated team of experts, including senior professionals with specific asset and discipline expertise, ready to be deployed at all stages of project execution, from design to start-up. We provide risk identification, assessment; support rigorous project and performance management; and drive accelerated project commissioning and ramp-up.





myProjects is a secure cloud-based P3 system that helps all levels of the project team from contractors on the ground through to executives. It enables real time reporting and control to project, program and portfolios with ease.



# RECENT IMPLEMENTATIONS

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## STATE DEPARTMENT - EDUCATION

- 5-year infrastructure program of works
- 4,000+ projects
- \$2Bn+ annual capital expenditure



## STATE DEPARTMENT - DJPR

- The CarbonNet Project
- Estimated \$11.1Bn capital investment over 6 years
- 1,000+ jobs created during construction



## DEFENCE - INFRASTRUCTURE

- 5-year infrastructure program of works
- 200 projects across multiple states
- \$2.5Bn capital expenditure



## NT GOVERNMENT - DIPL

- State-wide, 10-year program
- \$1.1Bn, over 2,500+ projects



# CASE STUDY

## STATE DEPARTMENT – EDUCATION (ACES)

### CUSTOMER STORY

- The Advancing Clean Energy Schools Program (ACES) was announced in 2019 by the Department of Education. The Program's goal was to reduce the energy usage of schools which are some of the largest energy consumers in the state.
- The Program's initial funding of \$97M was increased by \$71M to offset the Cooler Cleaner Schools Program. This also increased the Program's Megawatt (MW) install target from 35MW to 61.4MW.
- Energy Conservation Measures (ECM) were installed in over 900 schools across all regions of Queensland.

# STATE DEPARTMENT – EDUCATION (ACES)

## THE CHALLENGE

→ Installing solar to over 800+ Schools across Queensland

→ The need for accurate Ministerial and Project Reporting across all sites

→ Delivering projects in remote regions, such as:

- Mount Isa
- Cooktown
- St George.

→ Project team to undertake regular safety audits and spot checks

→ Stakeholder Management, school staff and regional managers.

→ Undertake defect inspections at completion.

→ Delivering in communities during Covid-19.

# STATE DEPARTMENT – EDUCATION (ACES)

## OUR FINDINGS

→ Project team of six to manage 800+ projects across QLD

→ The need for a P3 solution within 4 weeks

→ Disjointed methods to track contractor licenses and action before they expire

→ Multiple Spreadsheets

→ Reduced Accountability

→ Lack of standardization, inconsistency across projects due to amount of admin needed to manage the project deeds.

→ Lack of visibility of progress, risks and issues

→ Growing impact of time spent on reporting rather than delivering

# STATE DEPARTMENT – EDUCATION (ACES)

## OUR SOLUTION

→ Delivered validated weekly program reporting newsletters used to brief departmental executives and the minister's office

→ Single and consistent data source - Spreadsheets

→ Actively managed and supported 10-15 new projects each week

→ Mobile capability to over 50+ contractors, enabling onsite progress and safety reporting

→ Created governance models, workflows and automated notifications to improve program controls and data integrity

→ Standardisation, consistency across Programs and Projects

→ Real-time visibility of progress, risks and issues

→ Dynamic Information, solution provided insights to how many solar / Kw installed per day for each site.



# Weekly Ministerial Newsletter

## Advancing Clean Energy Schools Program

Issued: 17 February 2020

Greater than **870** Schools receiving Solar over **3** financial years with a Target of **210** schools in Phase 1

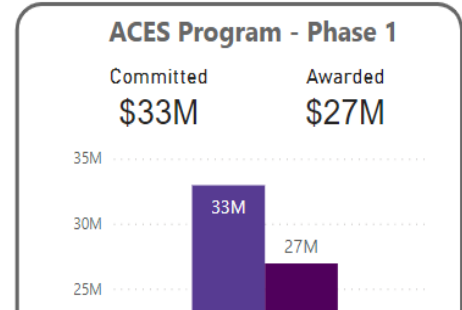
**Phase 1 Progress** **15,784** Solar Panels Installed = **5,115** kW Installed

**35** Schools at Design/Scope Stage

**68** Schools at Contract Award Stage

**118** Schools at Completed Stage <sup>1,2</sup>

2019-2022 ACES Total Budget **\$97M**  
2019-2020 Budget (Phase 1) **\$33M**



Design/Scope	Contract Award	Completed
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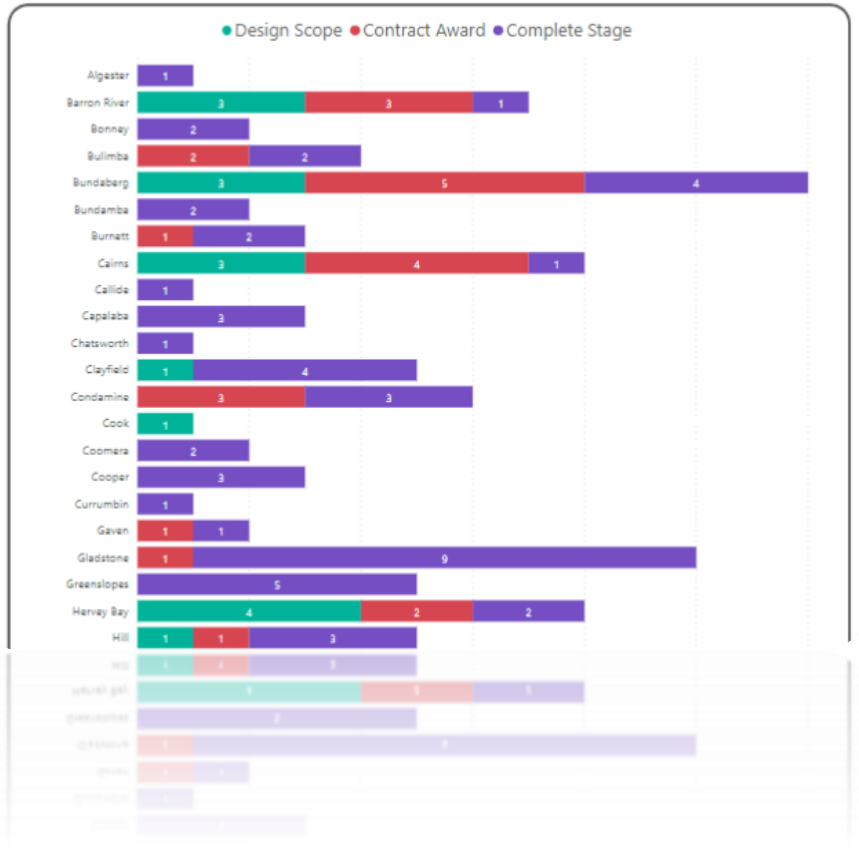
**Design/Scope stage is where the school audit and scoping of works is underway.**  
**Contract Award stage is where the school scope has been approved, and either awaiting installations to commence, or installations are underway.**  
**Completed stage is where solar panels have been installed on the roof.**

**Issues**

1. Inclement weather (rain and extreme heat) has and may continue to impact the progression and completion of installations

## Electorate Summary

Issued: 17 February 2020



# Statewide Progress Report

**WELCOME USER!**

**SUMMARY**

- 1 Portfolios
- 5 Programs
- 50 Projects

**PROJECT PHASE SUMMARY**

- 20 Design
- 10 Planning
- 14 Delivery
- 5 Close

**TASKS & SCHEDULE**

- 50% Progress
- 25 Tasks
- 5 / 80 Decision Gates

**BUDGET & COSTS**

- \$228M Baseline
- \$240M Forecast
- \$123M Actual

**QUALITY & SAFETY**

- 15 Risks
- 10 Incidents
- 3 Issues

**ISSUES**

ID	Description	Date Raised
2938	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	12/10/2021
2983	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	12/10/2021
4729	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	12/10/2021
0031	Lorem ipsum dolor sit amet, consectetur adipiscing elit.	12/10/2021

**OUTSTANDING APPROVALS**

ID	Description
2938	Lorem ipsum dolor sit amet, cc
2983	Lorem ipsum dolor sit amet, cc
4729	Lorem ipsum dolor sit amet, cc
0031	Lorem ipsum dolor sit amet, cc

**WELCOME USER!**

**DTIS PROGRAM HEALTH MAP**

PHASE: All | PROGRAM: All | LOCAL GOVERNMENT AREA: All | HEALTH STATUS: All

Total Programs: 7 | Total Projects: 548 | Budget: \$221

Local Government Areas Aggregated Project Health Status

Health Status by Project Phase

Phase	0	5	10	15
Construction	2	8	5	0
Complete	1	6	3	0
Planning	1	6	3	0
Design	5	6	4	0
Contract	8	4	3	0

Local Govt Area: Cloncurry  
 Budget: \$311,400  
 Projects: 1  
 Programs: 1  
 Overall Health Status: 2.20

	Cost	Risk	Safety	Schedule	Scope
Aurukun	Low	High	Med	Low	High
Balonne	Med	High	Med	High	Low
Banana	Low	Low	Low	Med	High
Barcaldine	Med	Med	Low	Med	Low
Barcoo	High	Med	Low	Low	Low
Blackall-Tambo	Med	High	High	Med	Low
Brobla	Low	High	Med	Low	High
Brisbane	High	Low	Med	Low	Low
Bulloo	High	High	Low	Low	Low
Bundaberg	Med	Med	High	Med	Med
Burdekin	High	Low	Med	Med	Low

# REAL-TIME REPORTING



PowerBI is a reporting tool that allows myProjects to create real-time reports directly from the source.



PowerBI is an essential part of myProjects, and it is one of the reasons why our product is so successful. Thanks to PowerBI, we can provide our clients with accurate and up-to-date reports, which is essential for maintaining their trust in our product.



myProjects

# THANK YOU

- Marketing – 2-page myProjects capability statement
- Website – Video
- Email: [myProjects.support@rpsgroup.com.au](mailto:myProjects.support@rpsgroup.com.au)